S/N TO BE ASSIGNED   <u>PATENT</u>

<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

Applicant:	IMMONEN, ET AL.	Serial No.:	TO BE ASSIGNED
Filed:	24 APRIL 2001	Docket No.:	602.344USW1
Title:	METHOD AND SYSTEM FOR IMPLEMENTING A SERVICE IN A TELECOMMUNICATION SYSTEM		

PRELIMINARY AMENDMENT

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please enter the following preliminary amendment into the above-referenced application.

ABSTRACT

Please insert the attached abstract into the application as the last page thereof.

CLAIMS

Please delete claims 1-14 as follows. Please enter new claims 15-28 as follows. A clean copy of the entire set of claims is included below.

15. (New)   Method for implementing a service in a telecommunication system comprising a mobile subscriber network (1), a mobile switching center (2) connected to the mobile subscriber network (1) and an intelligent network (3) connected to the mobile subscriber network (1), c h a r a c t e r i z e d in that

the mobile switching center (2) is provided with a service control function (4), which is connected via internal interface to an A-interface call control protocol entity, an SSAP protocol entity and a call control function (5);

a message related to the supplementary services coming from one of a protocol entities is transmitted to the service control function (4), and call control function (5) is controlled by the service control function (4) at the intelligent network interface; and

queries are made by the call control function (5) to obtain information from the service control function (4), and instructions are received by the call control function (5) from the service control function (4).

16. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that a reference to the service control function (4) is added to the triggering data of the call control function (5).

17. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that the message transmitted from the service control function (4) to the call control function (5) is based on a method or message of the call control function (5) according to CS-2.

18. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that the message transmitted from the service control function (4) to the call control function (5) is based on a method or message of the call control function (5) according to CAMEL Phase 3.

19. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that the message transmitted from the service control function (4) to the call control (5) is based on a method or message of the call control function (5) according to AIN call party handling.

20. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that data for the triggering of intelligent network services are added to the subscriber information returned from the VLR to the call control function at the beginning of call setup if any one of the GSM supplementary services partially or completely implemented via an intelligent network interface is active for the subscriber in the VLR subscriber data.

21. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that an indication of those events in the call control function (5) in which it is necessary to make a service control function (4) query is added to the triggering data.

22. (New)   Method as defined in claim 15, c h a r a c t e r i z e d in that the intelligent network interface for call control (5) is an INAP interface.

23. (New)   System for implementing a service in a telecommunication system comprising a mobile subscriber network (1), a mobile switching center (2) connected to

the mobile subscriber network (1) and an intelligent network (3) connected to the

mobile subscriber network (1), c h a r a c t e r i z e d in that

the mobile switching center (2) is provided with a service control function (4);

the service control function (4) comprises means (6) for controlling the call

control function (5) at the intelligent network interface;

in order to provide supplementary service feature

the call control function (5) comprises means (7) for making queries and means

(8) for receiving instructions from the service control function (4).

24. (New)   System as defined in claim 23, c h a r a c t e r i z e d in that

the mobile subscriber network (1) is a digital mobile subscriber network.

25. (New)   System as defined in claim 23, c h a r a c t e r i z e d in that

the mobile subscriber network (1) is a GSM network.

26. (New)   System as defined in claim 23, c h a r a c t e r i z e d in that

the service control function (4) is an internal program block or other internal software

component in the mobile switching center (2).

27. (New)   System as defined in claim 23, c h a r a c t e r i z e d in that

the service control function (4) is a function connected to the mobile switching center

(2) via a Corba interface.

28. (New)   System as defined in claim 23, c h a r a c t e r i z e d in that

the service control function (4) is a Java-language execution environment.

REMARKS

The above preliminary amendment is made to insert an abstract page into the

application, to delete claims 1-14, and to enter new claims 15-28.

Applicant respectfully requests that this preliminary amendment be entered into

the record prior to calculation of the filing fee and prior to examination and

consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning

this communication, please contact Applicant's attorney of record, Michael B. Lasky at

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Respectfully submitted,

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ABSTRACT
for
METHOD AND SYSTEM FOR IMPLEMENTING A SERVICE IN A TELECOMMUNICATION SYSTEM

Method for implementing a service in a telecommunication system comprising a mobile subscriber network, a mobile switching center connected to the mobile subscriber network and an intelligent network connected to the mobile subscriber network. In the method, the mobile switching center is provided with a service control function, which is connected via an A-interface to a call control protocol, an SSAP protocol and a call control function. Moreover, a message coming from a protocol is transmitted to the service control function, and call control is controlled by the service control function at the intelligent network interface and queries are made by the call control function to obtain information from the service control function, and instructions are received by the call control function from the service control function.